

OK TO ENTER: /MK/

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0010] with the following amended paragraph:

[0010] In one embodiment, the invention is directed to an implantable medical device that includes at least two interconnected modules, each of the modules comprising a housing, and an overmold that at least partially encapsulates each of the housings. The overmold comprises a lead connection module that is configured to accept an external lead. In some variations, the invention supports an overmold made of multiple materials, such as elastomeric and non-elastomeric materials.

Please replace paragraph [0025] with the following amended paragraph:

[0025] FIGS. 1A and 1B are diagrams illustrating use of an implantable medical device (IMD) in a patient according to an example embodiment of the present invention. An ~~IMD 101~~ IMD 101 is implanted within a patient 100 in order to permit ~~IMD 101~~ IMD 101 to provide therapies to the patient 100. In the example illustrated within FIGS. 1A-1B, ~~IMD 101~~ IMD 101 is implanted under the scalp of the patient 100 in order to locate the device 101 as close as possible to the location of leads 102 that provide the therapy.

Please replace paragraph [0028] with the following amended paragraph:

[0028] In general, IMD 101 has a low profile, i.e., IMD 101 is thin to permit the IMD 101 to be deployed effectively, comfortably and cosmetically and under the scalp. In one embodiment of the invention, IMD 101 has a maximum thickness of between approximately 4 millimeters and approximately 8 millimeters. The use of a reduced profile may reduce the risk of infection, skin erosion and cosmetic ~~issued~~ issues related to the implantation of IMD 101.

Please replace paragraph [0030] with the following amended paragraph:

[0030] While the embodiment of IMD 101 shown in FIGS. 1A-1B is implanted under the scalp of patient 100 and may be used when the therapy provided to patient 100 includes neural stimulation of a brain, other embodiments of IMD 100 permit the device to be implanted at many other locations within the body. In addition, IMD 101 includes a plurality of interconnected modules. Each module generally ~~perform~~ performs assigned functions.

Please replace paragraph **[0036]** with the following amended paragraph:

[0036] FIG. 3A and 3B are schematic diagrams illustrating an IMD according to yet another embodiment of the present invention. In this embodiment of ~~IMD301~~ IMD 301, a flat device is shown that consists of multiple modules. This embodiment of ~~IMD 310~~ 301 may be used in other locations within a patient in which the implantation location does not require such an exact match between the device and physical structures of the patient such as bone or muscle. ~~IMD3-01~~ IMD 301 may provide a small profile when implanted as to not protrude excessively once implanted.

Please replace paragraph **[0044]** with the following amended paragraph:

[0044] Additional details regarding the set of motion restriction devices ~~521~~ are 521 are described in co-pending and commonly assigned U.S. Patent Application No. 10/731,881, entitled “REDUCING RELATIVE INTER-MODULE MOTION IN A DISTRIBUTED MODULAR IMPLANTABLE MEDICAL DEVICE,” ~~assigned Attorney Docket No.: 1023-333US01/P-11797.00.~~

Please replace paragraph **[0050]** with the following amended paragraph:

[0050] Additional details regarding the overmold 522 are described in co-pending and commonly assigned U.S. Patent Application No. 10/730,873, entitled “OVERMOLD FOR A MODULAR IMPLANTABLE MEDICAL DEVICE,” ~~assigned Attorney Docket No.: 1023-332US01/P-11798.00.~~